

DESCRIPTION

Formulated Materials[®] APS is a Low VOC acrylic primer and sealer that improves the performance of fire-rated underlayments and self-levelers by providing a solid bond to the substrate during installation and increases moisture and abrasion resistance and durability of underlayments and levelers when applied to fully cured surfaces. APS is easy to use and is appropriate for use with both porous and non-porous substrates when applied as a primer.

- Provides a strong, positive bond when pouring underlayments and levelers over wood, concrete, metal, gypsum, and most properly prepared substrates
- Improves surface hardness and reduces porosity and moisture absorption of cured underlayments and levelers
- Low VOC Formula is non-reactive and non-toxic
- Low-odor formula is tinted blue to provide visual indicator for proper application
- Approved for use with all Treadstone[®] and HydroPhase[™] underlayments and levelers

Formulated Materials[®] APS in conjunction with an approved Treadstone[®] and HydroPhase underlayment or leveler, is recommended and approved in:

- Multi-Family Construction
 - Apartments
 - Hotels
 - Condominiums
- Residential and Single Family
- Commercial Office Space
- Renovation of old wood frame or concrete structures

TECHNICAL DATA

SPECIFICATIONS

Physical State		Liquid
Color		Blue
Agent		Latex
Vehicle		Water
Weight per Gallon	lbs	8.5

DIMENSIONS/PACKAGING

5 Gallon Pails	lb	43.2
55 Gallon Drums	lb	475.2

TYPICAL COVERAGE

75 ft² per U.S. Gallon (coverage may vary depending on dilution, condition of substrate, and environmental conditions)

INSTALLATION

SURFACE PREPARATION

Surface must be structurally sound, dry, and free of dust and debris. Clean and remove all foreign materials or substances that could inhibit proper bond (including, but not limited to oils, grease, wax, paint, tar, form release agents and other petroleum products). Avoid the use of chemical cleaners and preparations as these may leave residues that will inhibit proper surface adhesion of the primer.

DILUTION

Non-Porous Substrates - APS should be applied neat.

Porous Substrates - APS may be diluted with water at a 3:1 ratio (Water: APS).

PRIMER APPLICATION

Apply Formulated Materials[®] APS prior to installation of fire-rated underlayments and levelers, allowing enough time to ensure primer is dry to the touch before beginning installation.

For New Construction:

Follow all underlayment or leveler manufacturer's recommendations for preparation of the substrate before any application. After preparing the surface, APS is applied using a broom or 3/8" nap roller. When applied properly, subfloor should be completely covered to assure a proper bond between the substrate and the underlayment. Porous surfaces may require multiple coats to ensure proper coverage. Contact your Formulated Materials representative before application to confirm application method and dilution rates.

INSTALLATION

PRIMER APPLICATION (CONT)

For Renovation:

After following all manufacturer recommendations to prepare the floor for application, apply Formulated Materials® APS to all surfaces that will receive underlayment or leveller using a broom or 3/8 nap roller. Due to the varying porosity of existing subfloor materials, contact your Formulated Materials representative before application to confirm application method and dilution rates. Allow APS to fully dry to the touch before installing the leveler or underlayment, ensuring that any APS that may have pooled in large cracks and broken surfaces during application are fully dried.

If APS remains uncovered in place for more than 24hrs, reapply APS to the surface and allow proper curing time before installation.

SEALER APPLICATION

Apply Formulated Materials® APS undiluted after the underlayment or leveler has fully cured. Surface should be clean and free of excessive dust before beginning the application. Apply an uninterrupted coat to the surface using a 3/8" nap roller. The blue tint will provide a visual indicator to ensure full coverage.

NOTE: While APS will significantly increase the surface hardness of the material and reduce porosity, it will not increase the underlayment's compressive strength. Consult a Formulated Materials Technical Representative if you have questions or concerns about the integrity of the floor to be treated.

CLEAN UP

Clean tools with water immediately after application. If necessary, mineral spirits or similar agents may be used to clean cured material.

STORAGE

Store in dry conditions.

Shelf life of 1 year

LIMITATIONS

- Do not apply Formulated Materials® APS over any surfaces containing asbestos
- Formulated Materials® APS is not approved for exterior applications
- Substrate and ambient temperature should be between 40° and 100° F during application and remain so until product is fully cured.